

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-9 (*Canceled*)

Claim 10. (*Currently Amended*) An illuminated retractable leash comprising;

a housing;

a spring-biased spool rotatably supported in said housing;

an extendible roll of electroluminescent wire wound around said spool, the wire having a free end adapted for attachment to a pet collar;

a stop mechanism for engaging said spool and for blocking the extension or winding up of the electroluminescent wire about said spool;

a printed circuit board centrally mounted to a lateral surface of said spool, whereby said printed circuit board rotates in conjunction with said spool;

a battery holder mounted to said printed circuit board; and

a DC to AC inverter having an electric output for providing an electric excitation, the electric output thereof selectively connected to an end of the electro-luminescent wire;

wherein upon electric excitation at the electric output to said electroluminescent wire, said electroluminescent wire is illuminated along the entire length thereof.

Claim 11. (*Currently Amended*) The illuminated retractable leash according to claim 10, ~~further comprising a battery holder mounted to said printed circuit board, wherein said~~ battery holder ~~having~~ has electrical leads selectively supplying power to said inverter.

Claim 12. (*Original*) The illuminated retractable leash according to claim 10, wherein said spool and at least part of said housing is transparent.

Claim 13. (*Original*) An illuminated retractable leash comprising;

- a housing having a grip portion;
- a spring-biased spool rotatably supported in said housing, said spool having a pair of electrically conducting surfaces concentrically disposed on a lateral surface of said spool;
- an extendible roll of electroluminescent wire wound around said spool, said electroluminescent wire having at least two conductors, said conductors electrically connected to said pair of concentrically disposed conducting surfaces, said wire further having a free end adapted for attachment to a pet collar;
- a retractor mechanism whereby slack section of said wire can be taken up automatically by said spring-based spool when the maximum extension length of said wire is not being used;

a pair of electric contacts mounted to said housing and positioned to make continuous electric contact with said pair of concentrically disposed conducting surfaces as the spool rotates;

a printed circuit board disposed in said housing, said printed circuit board having a DC to AC power inverter, the electric output thereof connected to said pair of housing mounted electric contacts; and

a battery holder disposed in said housing, said battery holder having electrical leads selectively supplying power to said inverter.

Claim 14. (*Original*) The illuminated retractable leash according to claim 13, wherein said spool is transparent and at least part of said housing is transparent.